



Please return registration card by **December 21, 2001.**

There is **NO REGISTRATION FEE** required for this workshop, but please plan to attend the entire 2^{1/2} days.

Dress for the workshop is casual.

The industry tours often require a lot of walking. If you are unable to walk long distances, please let us know in advance so we can make any necessary preparations.

If you have any special needs or questions that we can address to make your participation more enjoyable, please call the conference organizers at 423-543-5422 or email mer@mer-inc.com

McPherson Environmental Resources, Inc.
213 North Main Street
Elizabethton, TN 37643-2446

Place
Stamp
Here

General Information

The U.S. Department of Energy NNSA Office of ES&H Operations' Nineteenth Biannual Pollution Prevention Hands-On Training Technology Workshop will be held January 15-17, 2002 (Tuesday morning through Thursday noon) at the Holiday Inn on the Bay, San Diego, California. Registration and reception will be on Monday, January 14, from 5:00 P.M. to 7:30 P.M. Working group discussions will address activities related to the following topic areas:

- *Continual Environmental Improvement*
- *Design for Environment*
- *Energy Conservation & Recovery*
- *Environmental Management Systems*
- *Green Renovation*
- *Hazardous Substance Management Systems*
- *Waste Minimization*

The workshop will be directed toward those individuals involved in daily operations at DOE facilities and laboratories. We will be partnering with San Diego area companies who have shown themselves to be leaders in pollution prevention.

Registration

Registration is required—please return your registration form by December 21, 2001. There is NO REGISTRATION FEE for this workshop, but it does require active participation. As a courtesy to other participants and our hosts, please plan to attend the entire 2^{1/2} days.

Conference Facilities/Hotel Accommodations

Workshop participants will be staying at the **Holiday Inn on the Bay**.** 1355 North Harbor Drive in downtown San Diego. A block of rooms has been reserved for attendees at the government rate (currently **\$99 per night**, not including tax.) The hotel guarantees rooms for workshop attendees at the current per diem rate until **January 3, 2002**. After this date, rooms can be purchased as available. To make your reservations, call the Holiday Inn at **800-877-8920** or 619-232-3861. **Be sure to request the group rate for the Dept. of Energy Pollution Prevention Workshop.** If you plan to stay at the hotel either the previous or following weekend, please make your travel plans early, as a limited number of rooms are available.

**There are several other Holiday Inns nearby which have very similar names, so be sure to go to the Holiday Inn on the Bay (located on the harbor in front of the Maritime Museum).

COMMENTS FROM PAST PARTICIPANTS

- “Very well-rounded program, great speakers. Met individuals from other states & was able to see how their programs work.”
- “Extremely well done conference. Important feature was the active participation of attendees.”
- “Great learning atmosphere.”
- “Team interaction was super.”
- “I LOVED the tours. To see other organizations’ environmental successes is really inspiring.”

Place
Stamp
Here

McPherson Environmental Resources, Inc.
213 North Main Street
Elizabethton, TN 37643-2446

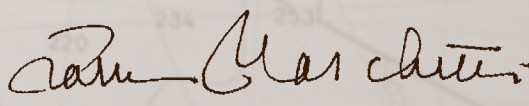


Greetings!

San Diego, the nation's sixth largest city, is renowned for its natural beauty, rich heritage, and many attractions, such as the San Diego Zoo, the Maritime Museum and Balboa Park. From January 15 through January 17, 2002, this magnificent city will also be hosting the NNSA's Nineteenth Biannual Pollution Prevention Hands-On Training Technology Workshop.

I invite you to use this opportunity to gain knowledge about the latest approaches to "continual environmental improvement" and to network with not only your colleagues from other Field/Site Offices, but also business and industry leaders in the San Diego area. Through this unique partnering, you will be able to collaborate on overlapping strategic initiatives such as pollution prevention, environmental management systems (EMS), and integrated safety management systems (ISMS).

Besides getting an idea of the thinking behind the significant changes taking place in Southern California from environmental stewardship to sustainability, you will also see how these change processes are unfolding, and the challenges they present. By participating in the dialogue among workshop participants concerning the barriers, opportunities, and drivers in these initiatives, you may learn methods for stabilizing or jump starting your pollution prevention program and for incorporating an EMS into an already successful ISMS.



Robert Gaschler

"You can't cross the sea merely by standing and staring at the water."

— Rabindranath Tagor

Topic Group Descriptions

Continual Environmental Improvement - Ongoing and constant, but forever "adjusting." Do these words describe your environmental programs? According to the President's Council on Sustainable Development, "The new environmental management framework of the 21st century will be one that drives continuous environmental improvement to accompany continuous economic and social gains." Inefficient on-again/off-again efforts must become a thing of the past: if we are to achieve truly clean manufacturing practices, a long-term commitment must be made to continually seek ways to reduce the environment impact of our activities. But what does this mean in terms of our everyday work practices? Group members will learn more about this concept and its importance to them as they tour one of our nation's most environmentally proactive organizations.

Design for Environment (DfE) was originally developed to cope with the rising costs associated with environmental compliance. It has since evolved into a concept exemplifying the true spirit of pollution prevention—designing products, processes, and buildings so that pollution is avoided through every phase of their life cycles, from "cradle to grave." One of DfE's highest goals is the "cradle to cradle" concept, where usable products are created from previously discarded materials and energy sources are created from previously wasted processes. DfE considers energy and material usage, manufacturing steps, packaging and shipping, consumer use, reuse or recycling and final disposition. Participants in this group will learn from a multi-national company which uses DfE to ensure that its processes and products are as environmentally benign as possible.

Energy Conservation and Recovery - Any activity that lessens the consumption of energy, especially from a fossil fuel source, also prevents or reduces pollution. This group will visit a site whose energy efficiency achievements and efforts to reduce its reliance on non-renewable energy sources have extended far beyond conventional and easily accomplished techniques (the "low-hanging fruit"). The site will also demonstrate the tremendous financial savings achieved in the process, an additional primary driver for sound environmental stewardship. Group participants will learn the steps taken to reach these successes, which include a successful co-generation system and other energy-saving technologies and practices.

EMS - An Environmental Management System (EMS) is a management tool designed to ensure that an organization's environmental priorities and interests are incorporated into operations and planning processes. Once merely an *option* for DOE facilities, EO 13148 (*Greening the Government Through Leadership in Environmental Management*) now *requires* the implementation of Environmental Management Systems by Federal facilities by 2005. Workgroup members will learn about many of the


benefits experienced by a national corporation after implementing its EMS, as well as the challenges presented and obstacles overcome in achieving this measure of success.

Green Renovation - A movement among members of the architectural design and building trade community who attempt to include efficiency, renewable resource, waste reduction, and environmentally conscious manufacturing concepts into the design of homes, offices, and industrial buildings is referred to as "Green Architecture." Often thought of primarily in the context of new construction, this discipline also offers many viable techniques for upgrading existing facilities. This group will tour a facility that has become a nationally known showcase for transforming an older building into an award-winning model of sustainability.

Hazardous Substance Management Systems - Proper handling and management of hazardous materials are essential for the prevention and reduction of those wastes. To be truly effective, a plan must be in place which addresses these substances from "cradle to grave"—from the moment they are considered for acquisition to the point of their disposal. Group members will observe the "hazardous materials pharmacy" approach, encouraged by EO 13148; this implements a centralized procurement and distribution program through which control authorization, ordering, storage, use and disposition of hazardous substances are regulated.

Waste Minimization - Reaching beyond mere pollution control and remediation, waste minimization focuses on preventing or reducing the generation of pollutants, contaminants, hazardous substances, and other wastes *at the source*. Where source reduction is not an option, environmentally sound recycling is practiced. Members of this topic group will visit a nationally known manufacturing facility which has diverted millions of pounds of material from local landfills through its waste minimization innovations. The company's successes can be evaluated within the larger framework of "sustainable development," demonstrating that economic development and environmental protection are not mutually exclusive.

**Topic group site visits are subject to change; please check the workshop webpage for updated information.



For more information or to email register please visit our website at:
<http://www.dp.doe.gov/dp45/p2/sandiego>
Phone #: 423-543-5422

WORKSHOP REGISTRATION FORM

Name _____

First name preferred for name tag _____

Title _____

Organization _____

Address _____

Telephone _____

Email _____

Do you plan to attend the registration/reception on January 14th? yes ☐ no ☐

Topic of Interest: (1st Choice) _____

(2nd Choice) _____

(3rd Choice) _____

In keeping with the theme of this workshop, you have the opportunity to help make this a "green" event. Please indicate your preference below.

I ☐ (do) ☐ (do not) wish to have my soap replaced on a daily basis during the length of my stay.

I ☐ (do) ☐ (do not) wish my sheets to be replaced daily during my stay.

Recycle bins will be available in and around the workshop rooms and will be clearly marked for convenient disposal of your paper waste. Thank you for doing your part to minimize waste.

Workshop Registration Information

Workshop Registration is limited to 85 participants: so fill out, detach, and mail or fax the registration form to MER, Inc. by **December 21, 2001**. For more information, please contact workshop coordinators at 423-543-5422. If you prefer to fax your registration, please send it to the number listed below. No cover sheet is necessary. Email registration is also available at <http://www.dp.doe.gov/dp45/p2/sandiego>.

McPherson Environmental Resources, Inc.
213 North Main Street
Elizabethton, TN 37643-2446
Fax: 423-543-4382; Phone: 423-543-5422
Email: mer@mer-inc.com